

Reduce, Reuse, Recycle

Check T for *True* and F for *False*.

1. This is a painting.

☐ T ☐ F

2. This is made from trash.

☐ T ☐ F

3. This is a toy.

☐ T ☐ F

4. What would you make with
recycled materials?

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VOCABULARY 1

1 Listen and read. TR: 4.1

2 Listen and repeat. TR: 4.2

Every day, we make **trash**. Where does it go? Some of it is buried in the ground. Some of it floats in the ocean. Yuck! Instead, let's choose a way of life that works with the **environment**. You can **conserve** instead of **throw away**. You can make **energy-efficient** choices.

The three Rs of the environment are **reduce**, **reuse**, and **recycle**. When we use plastic bottles to hold flowers, we reuse. When plastic bottles are changed into new bottles, we recycle. What happens when we don't use plastic bottles at all? We reduce trash!



Can we **design** things to reduce, reuse, and recycle? Yes! We can **build** houses that are energy efficient. We can make art with **natural** things, or reused things. The possibilities are endless.



3 Ask and answer. Work with a partner. What did you learn?

How can I conserve energy?

That's right! Reduce.

Turn off the lights when you aren't using them.

GRAMMAR 1

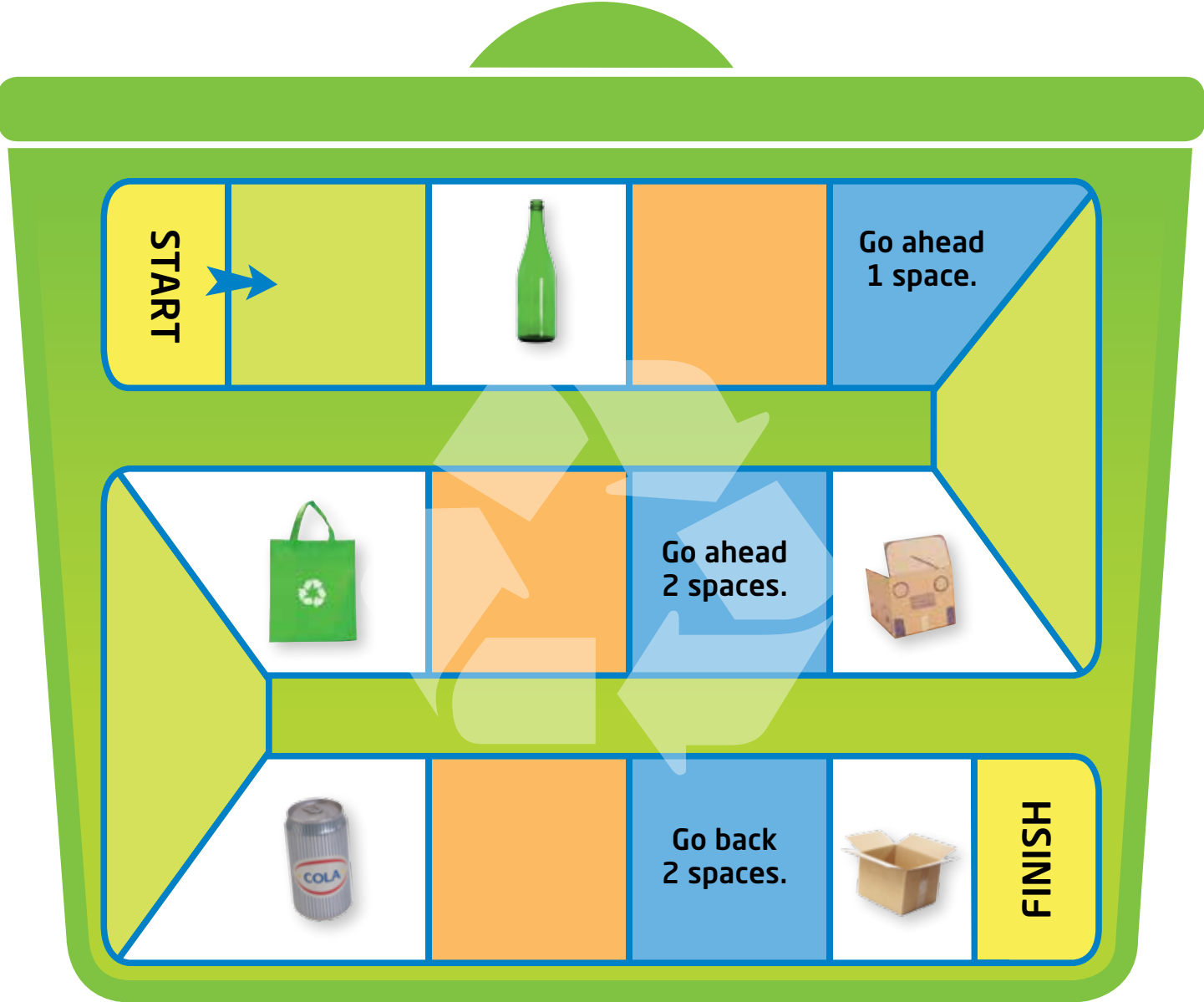
Passive with modals (simple present) TR: 4.3

Natural things **can be grown** again. Aluminum cans **must be melted** to be recycled.
Many things **can be made** into art! Some plastics **may be put** in recycling containers.

1 What things can be done to reduce, reuse, and recycle? Use the words in the list. Say sentences. Then write them in your notebook.

built conserved designed made put reused thrown away

2 Play a game. Cut out the cards in the back of the book. Play with a partner. Take turns. Make a sentence.



VOCABULARY 2

1 Listen and repeat.
Then read and write. TR: 4.4



cardboard



metal



chemicals



glass



tools

- 1. It is clear or colored. It is used to make bottles or windows. _____
- 2. It is made from paper. It is used to make shoe boxes. _____
- 3. They are used to clean things. Don't drink them! _____
- 4. They help us do things that we can't do with just our hands. _____
- 5. This is used to make cans and cars. Things made of this are strong. _____

2 Listen and stick. TR: 4.5

1

2

3

4

5

GRAMMAR 2

Clauses with **when** TR: 4.6

When we recycle trash, we save on materials and energy.
An artist's work may surprise us **when we first see it**.

1 Read and write. How do you and your friends help the environment?
Use words in the box.

bike light paper plastic bottle shopping bag trash water

1. When we leave the house, we turn off the lights.
2. _____ when _____.
3. When _____, _____.
4. When _____, _____.
5. _____ when _____.

2 Play a game. Cut out the cards in the back of the book. Play with a partner. Make sentences. Take turns.



SONG

1 Listen, read, and sing. TR: 4.7

The Three Rs

Reduce. Reuse. Recycle.
Do it every day.
Don't throw everything into the trash
when clearly there's another way.

Reduce. Reuse. Recycle.
Help keep our world clean.
Do your part every day
to make our world green!

THE SOUNDS OF ENGLISH TR: 4.8

Do your part **every** day.

2 Listen and repeat.

1. Things don't have to be thrown **away**.
2. Some plastics may be put **in** recycling containers.
3. We can **make art** with natural things.
4. Many things can be **made into** art!



Bruges, Belgium

READING

1 Listen and read. **TR: 4.9**

Found Art

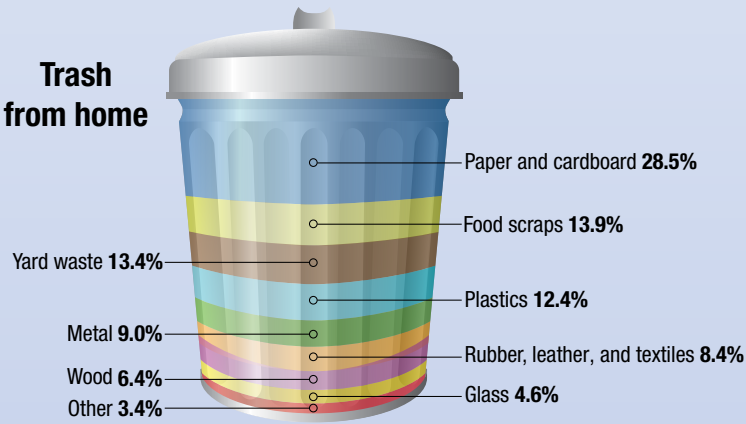
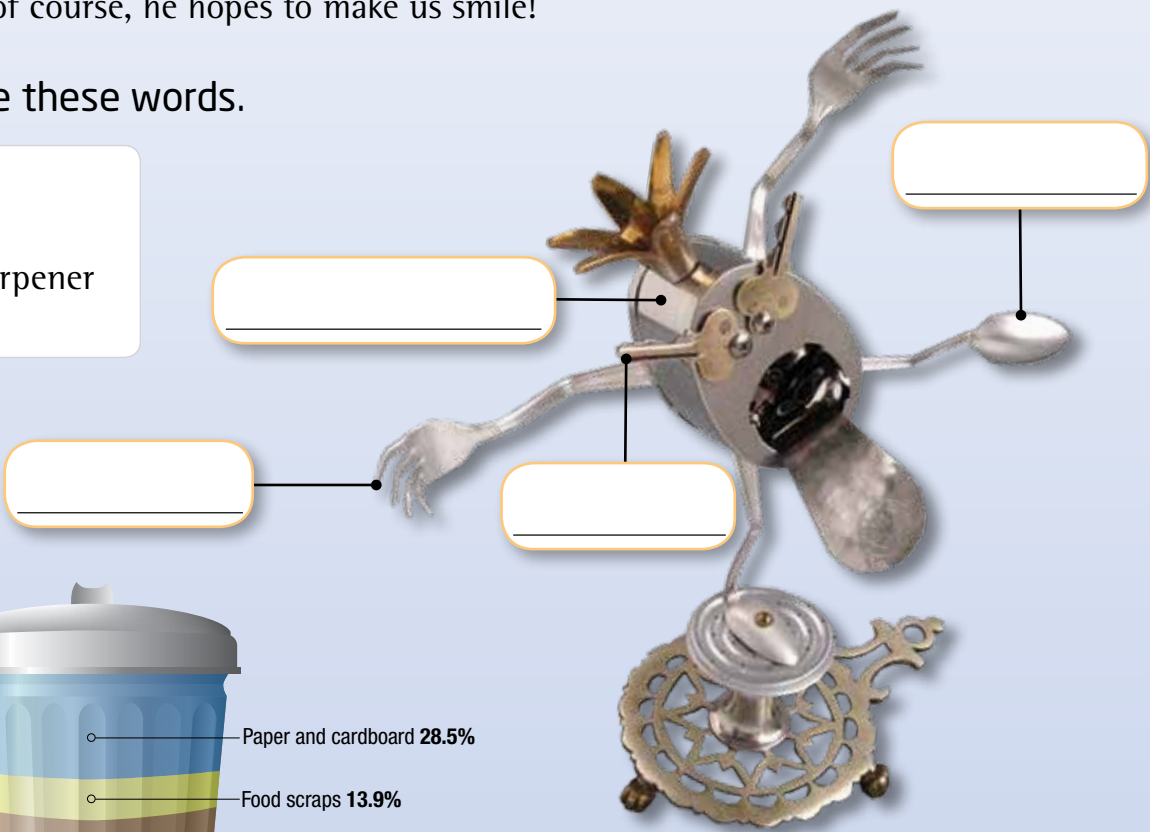
It’s time to clean up your house! There are broken toys, old metal spoons, cardboard boxes, and other things. For most of us, these things are trash, so we throw them away. But artist and teacher Brian Marshall likes to make art with the things he finds. Since Marshall was a child, he has made hundreds of robot sculptures from reused materials. We call this “found art.” With his fun, creative designs, Marshall hopes to send us a message—it is possible to reuse and recycle more in our world. And of course, he hopes to make us smile!



Recycling old aluminum cans into new ones uses 95% less energy than making new cans.

2 Label. Use these words.

- fork
- key
- pencil sharpener
- spoon



Artist Brian Marshall makes robot sculptures from found objects.

3 Make an information graphic. Work with a group. Discuss how much trash your school creates. Share your ideas with the class.

MISSION

Help reduce our human footprint.

Think. Pair. Share.

- What can you do to reduce, reuse, and recycle waste?
- What can your community do to reduce, reuse, and recycle waste?
- Compare your ideas with a partner or group. Decide which ideas are the best.



Earth at night



“People have created the problem, so it’s critical to get the public excited and eager to participate in a solution.”

Alexandra Cousteau, Water Advocate and Environmental Filmmaker, National Geographic Explorer